

Certificate of Analysis

Date of Testing: 2023-10-18 17:01:52
 Date of Next Testing: 2027-10-17 17:01:52
 Product Name: **(3-Aminopropyl)trimethoxysilane**
 CAS Number: 13822-56-5
 Specifications & Purity: chloride ion \leq 13ppm
 Lot #: I2328238
 SKU #: **A598535**
Analysis: 278052
 Storage Temperature: Argon charged, Desiccated

| Parameter | Limit Values | Result |
|-------------------------------------|-----------------------|-----------------------|
| Refractive index n ₂₀ /D | 1.422-1.425 | 1.42 |
| Density (20°C) | 1.014-1.019 | 1.02 |
| Magnesium(Mg) | 0-1 (ppm) | 0.00 ppm |
| Aluminum(Al) | 0-1 (ppm) | 0.00 ppm |
| Potassium(K) | 0-1 (ppm) | 0.00 ppm |
| Calcium(Ca) | 0-1 (ppm) | 0.00 ppm |
| Chromium(Cr) | 0-1 (ppm) | 0.00 ppm |
| Manganese(Mn) | 0-1 (ppm) | 0.00 ppm |
| Iron(Fe) | 0-1 (ppm) | 0.00 ppm |
| Cobalt(Co) | 0-1 (ppm) | 0.00 ppm |
| Nickel(Ni) | 0-1 (ppm) | 0.00 ppm |
| Copper(Cu) | 0-1 (ppm) | 0.00 ppm |
| Titanium(Ti) | 0-1 (ppm) | 0.00 ppm |
| Zinc(Zn) | 0-1 (ppm) | 0.00 ppm |
| Chloride (Cl-) | 0-13 (ppm) | 0.00 ppm |
| Purity(GC) | 97-100 (%) | 98.41 % |
| Sodium(Na) | 0-1 (ppm) | 1.00 ppm |
| Appearance(A598535) | Colorless Liquid | Colorless liquid |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |



ALADDIN SCIENTIFIC CORPORATION

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A handwritten signature in black ink that reads "John Su". The signature is written in a cursive, flowing style.

John Su
QA & QC Manager